

BRUHATH BANGALORE MAHANAGARA PALIKE, DASARAHALLI

Office of the Executive Engineer Dasarahalli Division.

SCHEDULE-B

NAME OF WORK: Improvements to CC Road & Drain & Construction of RCC Drain At Janatha Colony, Chikkasandra in Wrad No.12, Shettyhalli Sub Division.

Sl. No	Description of work	Unit	Qty	Sanctioned Estimate Rates	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Earthwork excavation by manual means in ordinary soil involving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods Complete as per specifications. and direction of Engineer-in-charge of the work.	Cum	702.47	175.96	Rupees One Hundred Seventy Five and Ninety Six Paise Only
2	Construction of granular sub -base by providing coarse graded crushed stone aggregates of granite / trap / basalt material spreading in uniform layers with motor grader on prepared surface,mixing by mix in place method with rotavator at OMC,and compacting with vibratory roller to achieve the desired density. Complete as per specifications. and direction of Engineer-in-charge of the work.	Cum	27.62	1582.58	Rupees One Thousand Five Hundred Eighty Two and Fifty Eight Paise Only
3	Construction Of dry lean cement concrete mix CC1:5:10 With OPC cement @160kgs,with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum sub-base over a prepared sub-grade with (course and fine aggregate conforming to IS:383) aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160kg/cum, optimum moisture content to be less than 10Mpa at 7days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller,finishing and curing Complete as per specifications. and direction of Engineer-in-charge of the work.	Cum	27.62	3988.66	Rupees Three Thousand Nine Hundred Eighty Eight and Sixty Six Paise Only

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4	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggretes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rakers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing Complete as per specifications. and direction of Engineer-in-charge of the work.	Cum	27.62	6217.96	Rupees Six Thousand Two Hundred Seventeen and Ninety Six Paise Only
5	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power floater, blade and disc etc., with all lad and lift Complete as per specifications. and direction of Engineer-in-charge of the work.	Sqm	184.15	95.40	Rupees Ninety Five and Forty Paise Only
6	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing Complete as per specifications. and direction of Engineer-in-charge of the work.	Cum	84.06	5159.02	Rupees Five Thousand One Hundred Fifty Nine and Two Paise Only
7	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with with 20mm and down size graded granite metal, coarse aggregate @ 0.69 cum and fine aggregates @ .460cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafairmed 2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings,pedastals,retaining walls, staircase, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, Complete as per specifications. and direction of Engineer-in-charge of the work.	Cum	223.74	6371.66	Rupees Six Thousand Three Hundred Seventy One and Sixty Six Paise Only


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8	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery Complete as per specifications. and direction of Engineer-in-charge of the work.	Tonne	~~12.45~~	~~74915.00~~	Rupees Seventy Four Thousand Nine Hundred Fifteen Only
9	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walss at any thickness,including attached pilasters,buttresses, plinth and string courses cost of all materials, labour Complete as per specifications. and direction of Engineer-in-charge of the work.	Sqm	~~1792.80~~	~~310.58~~	Rupees Three Hundred Ten and Fifty Eight Paise Only
10	Providing & laying reinforced cement precast slabs of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specifications. and direction of Engineer-in-charge of the work.	Sqm	~~432.00~~	~~1680.00~~	Rupees One Thousand Six Hundred Eighty Only


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